

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036468.D
 Acq On : 28 Aug 2018 21:35
 Operator : JU/SJ
 Sample : J4277-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

Quant Time: Aug 29 01:58:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57532	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	243267	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	157407	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	415937	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	462180	20.00	ng	-0.02
86) Perylene-d12	24.91	264	458796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	514441	141.84	ng	0.00
7) Phenol-d6	7.22	99	645124	124.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	485786	108.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	318736	169.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1109664	100.66	ng	-0.01
78) Terphenyl-d14	20.04	244	1923014	97.25	ng	-0.02

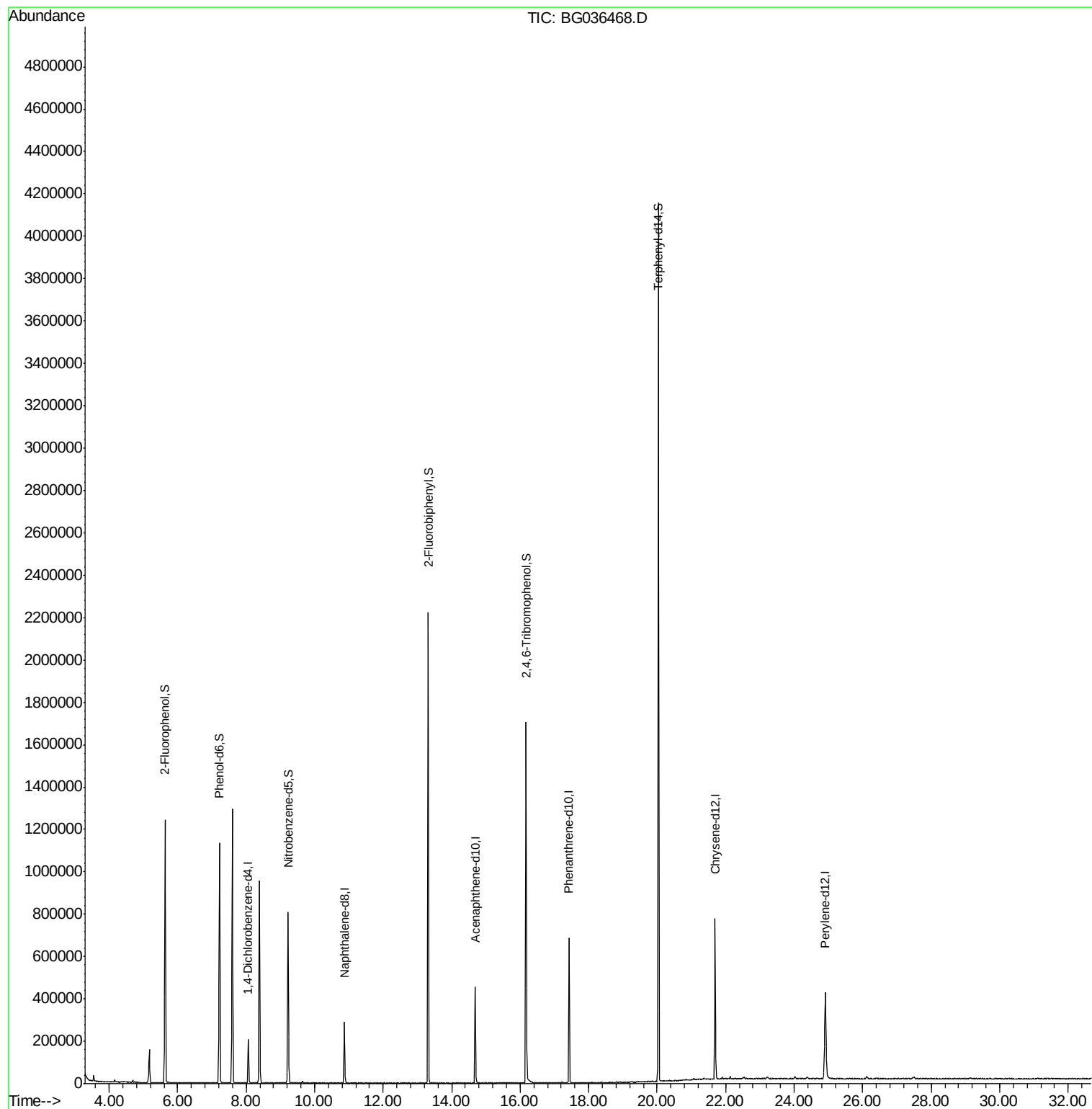
Target Compounds Qvalue

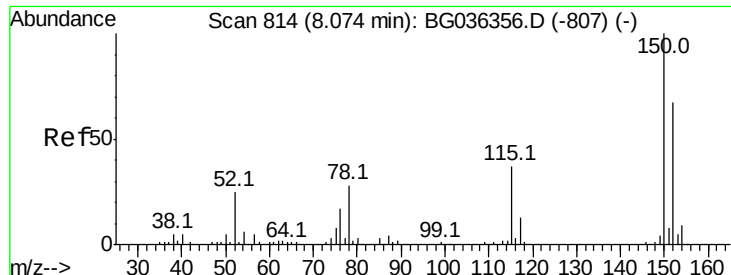
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 12:07:02 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

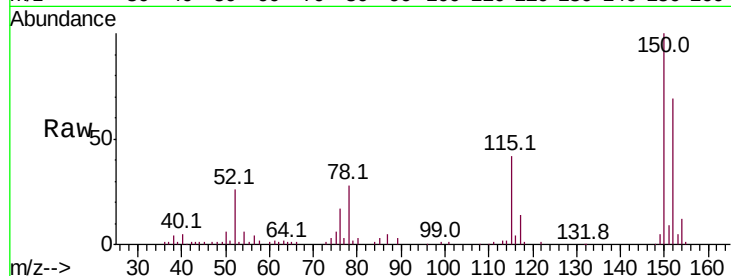
Tot Ion:152 Resp: 57532

Ion Ratio Lower Upper

152 100

150 145.1 119.5 179.3

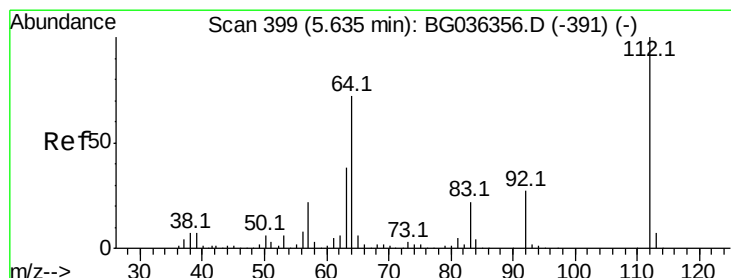
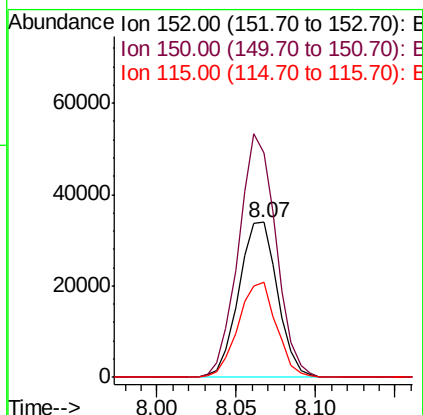
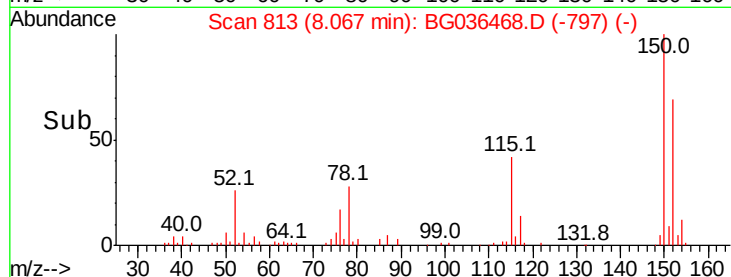
115 61.3 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 141.844 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

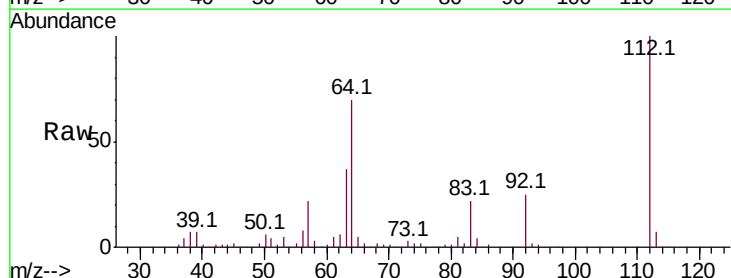
Tgt Ion:112 Resp: 514441

Ion Ratio Lower Upper

112 100

64 69.5 57.2 85.8

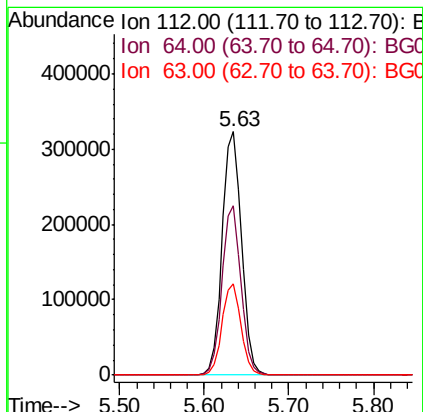
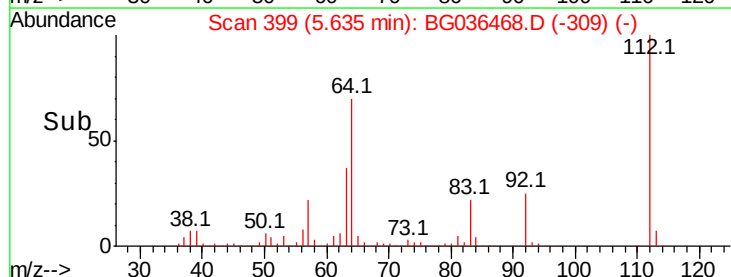
63 37.3 30.8 46.2

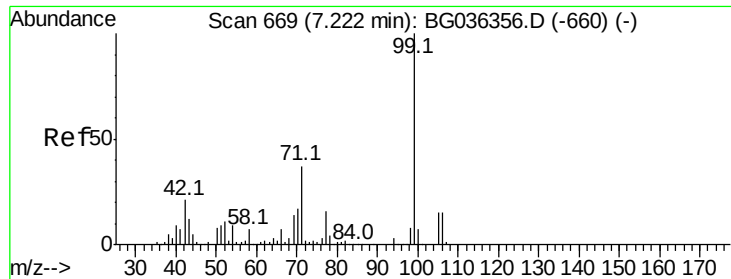


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.237 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

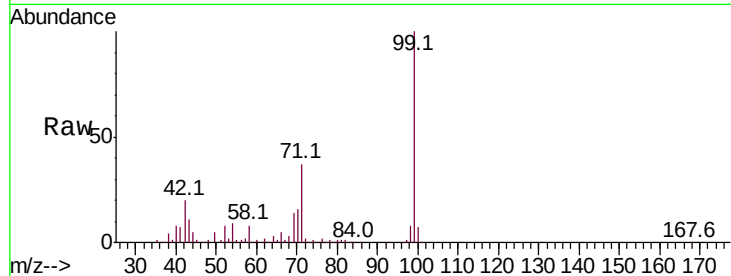
Tot Ion: 99 Resp: 645124

Ion Ratio Lower Upper

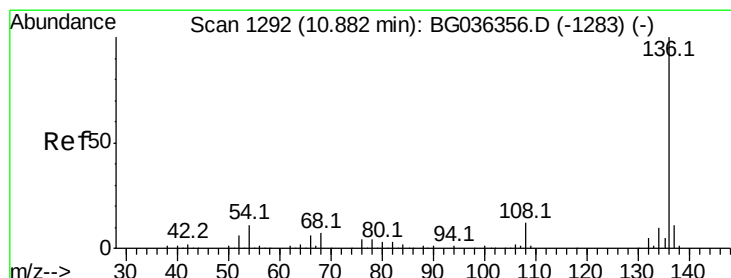
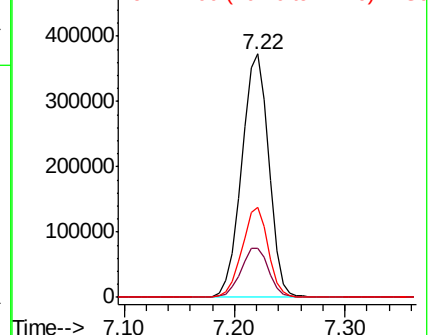
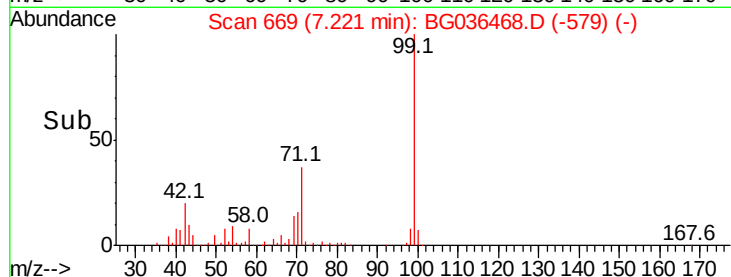
99 100

42 20.3 16.5 24.7

71 37.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Tgt Ion: 136 Resp: 243267

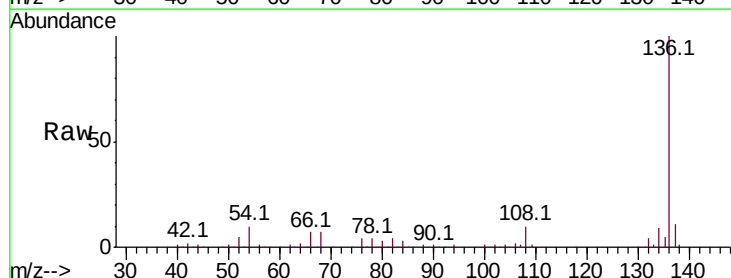
Ion Ratio Lower Upper

136 100

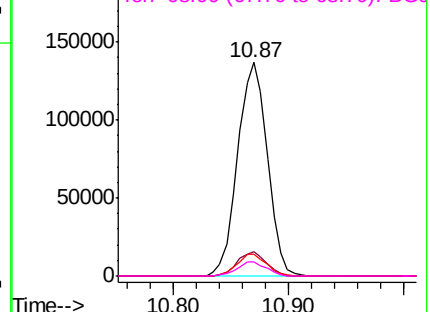
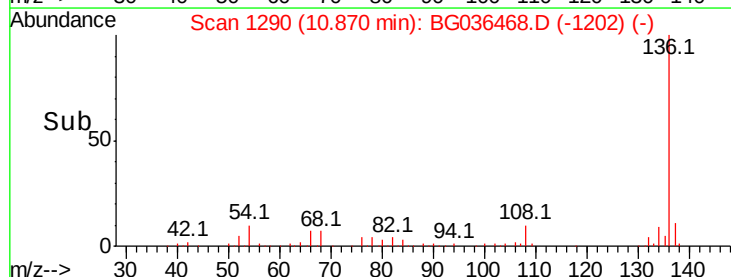
137 11.5 8.8 13.2

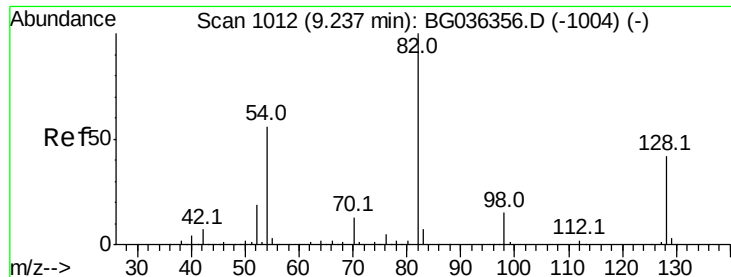
54 10.5 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 108.347 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

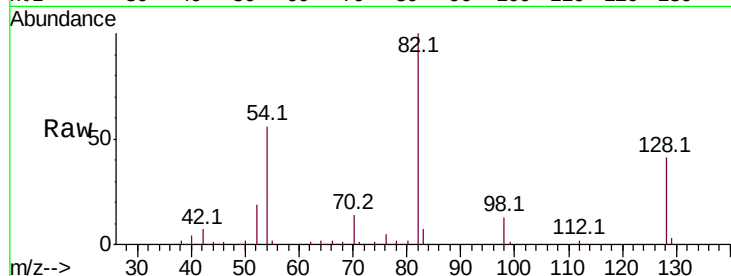
Tot Ion: 82 Resp: 485786

Ion Ratio Lower Upper

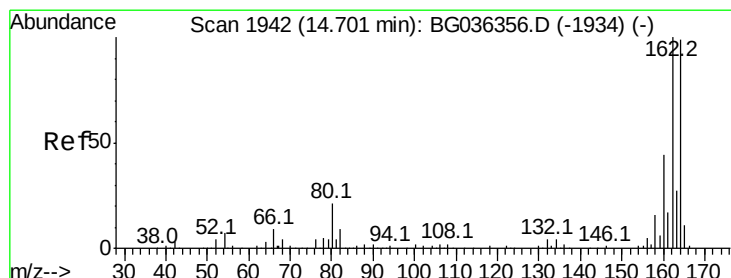
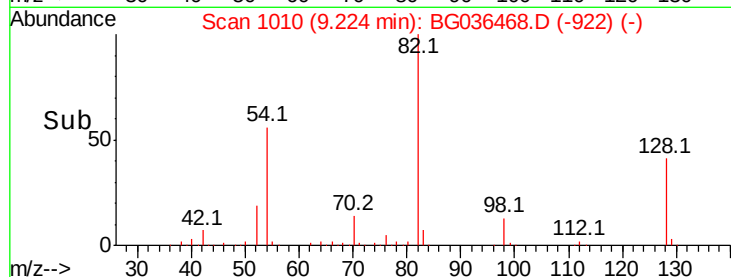
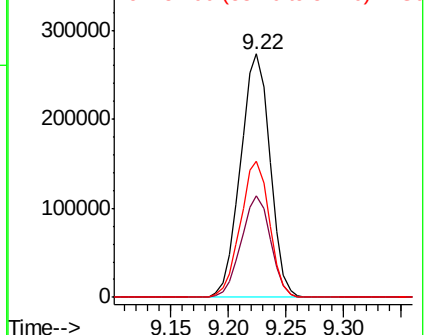
82 100

128 41.5 33.3 49.9

54 56.0 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

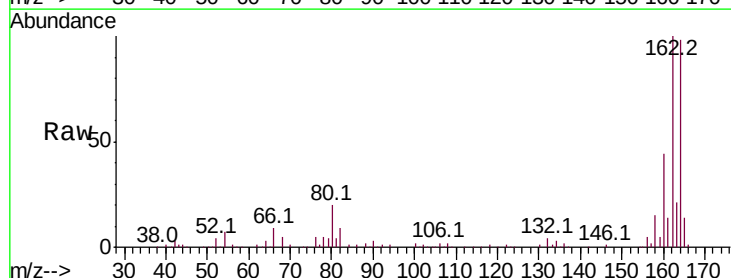
Tgt Ion:164 Resp: 157407

Ion Ratio Lower Upper

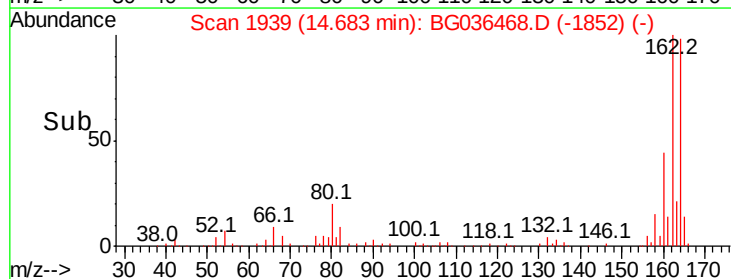
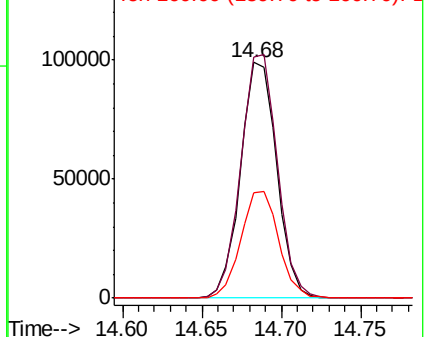
164 100

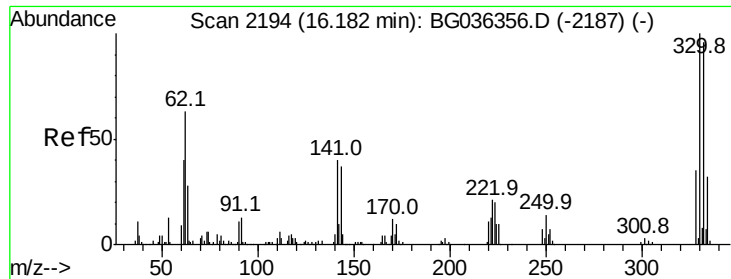
162 102.5 80.7 121.1

160 44.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

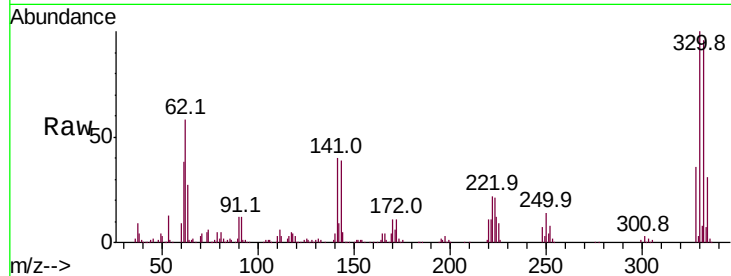




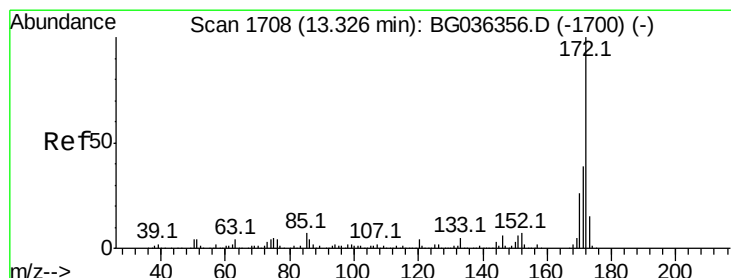
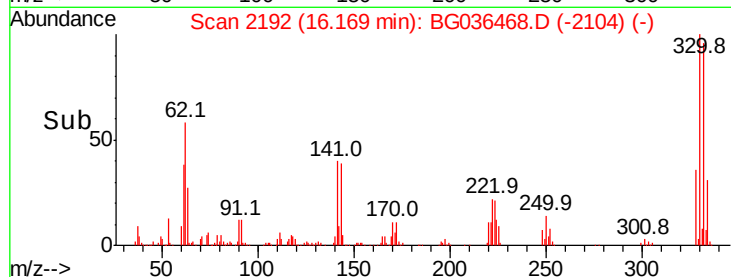
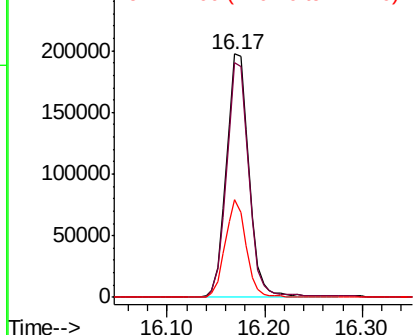
#41
 2,4,6-Tribromophenol
 Concen: 169.701 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.4	113.2
141	37.2	30.7	46.1

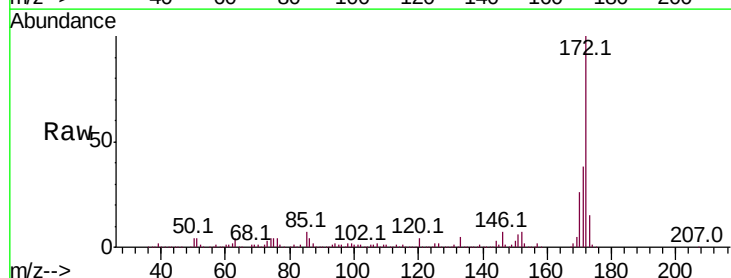


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

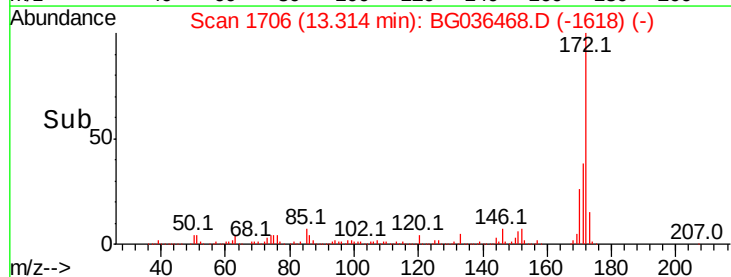
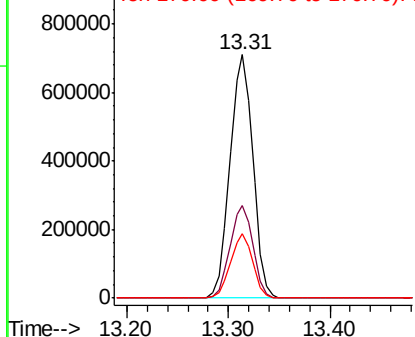


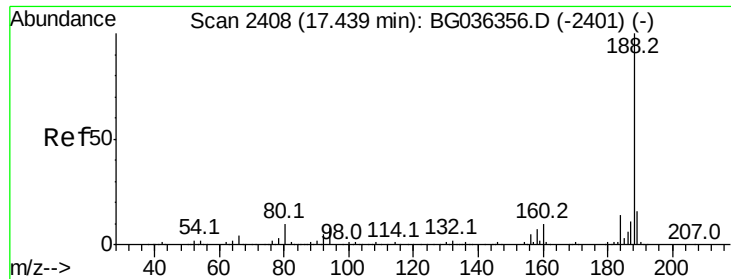
#44
 2-Fluorobiphenyl
 Concen: 100.656 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	26.4	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

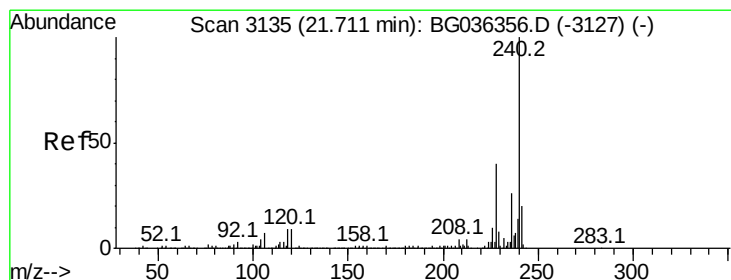
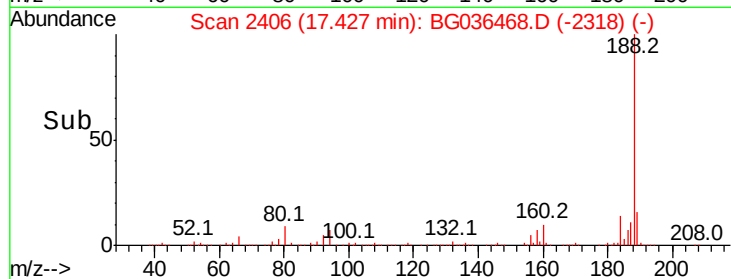
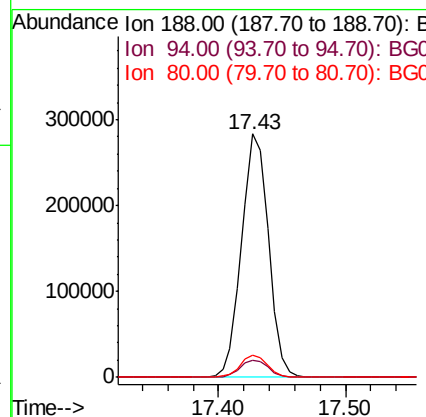
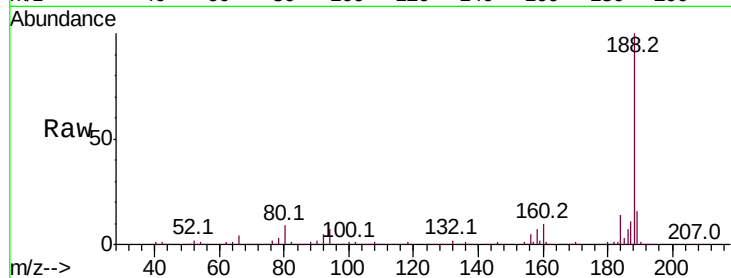




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

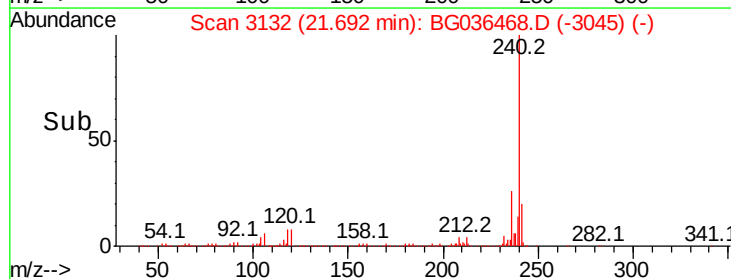
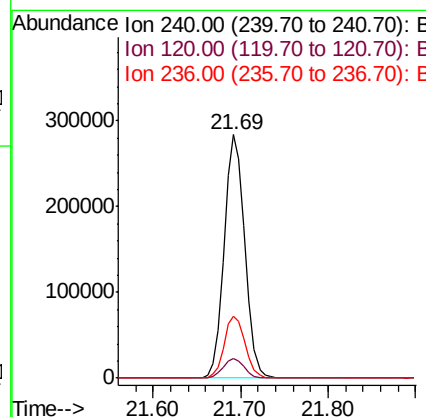
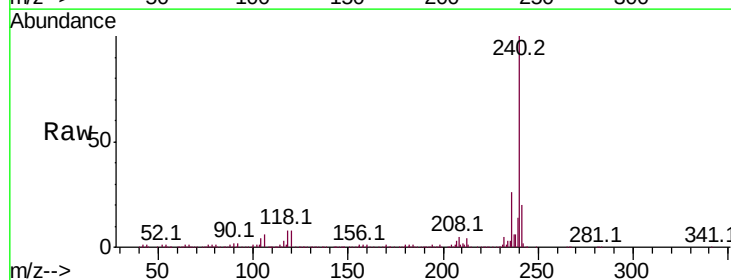
Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

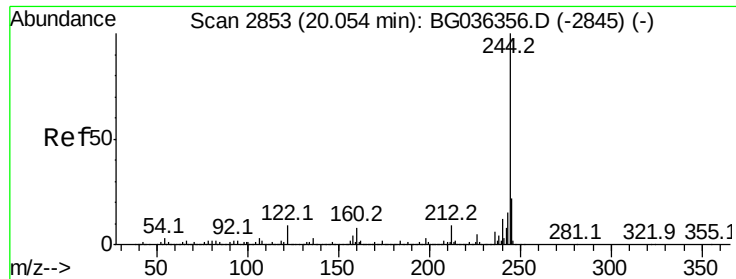
Tot Ion:188 Resp: 415937
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Tgt Ion:240 Resp: 462180
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 97.251 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

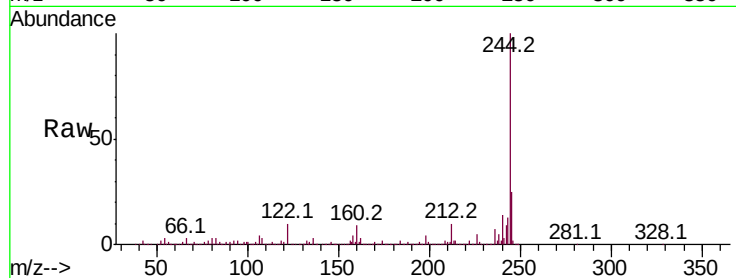
Tot Ion:244 Resp: 1923014

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

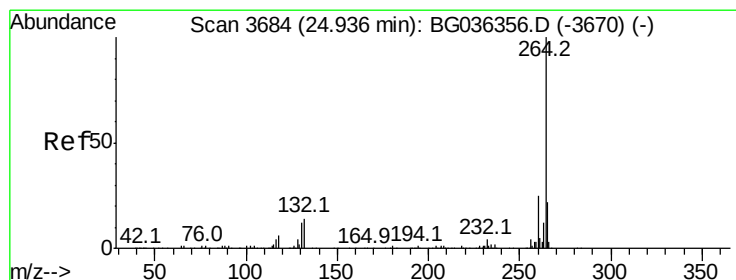
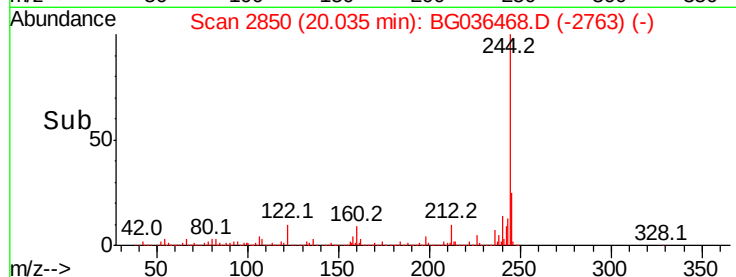
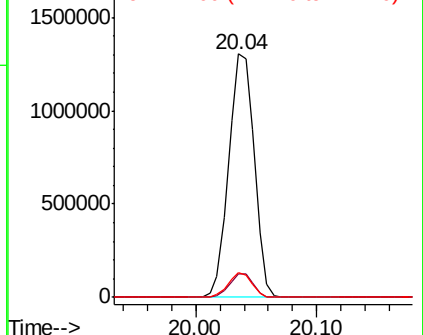
122 10.2 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

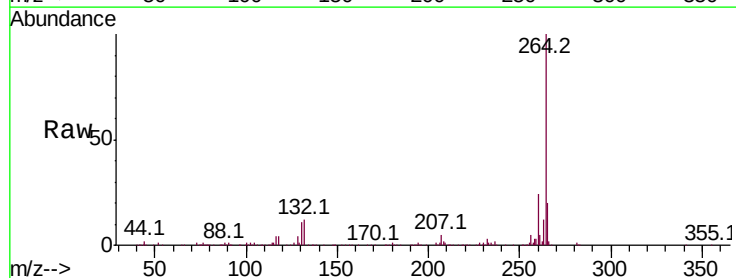
Tgt Ion:264 Resp: 458796

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 20.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

